

WEST**End of Result Set**

Generate Collection

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L4: Entry 1 of 1

File: USPT

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DOCUMENT-IDENTIFIER: US 4608178 A

TITLE: Method of separating blood components

US PATENT NO. (1):
4608178Detailed Description Text (13):

After completion of the blood tapping the blood bag system 28, 29 is separated by sealing and cutting the tube 36 below the branching point thereof. The upper connection 31 between the bags 28 and 29 is shut off by means of a tube clamp, and the system is centrifugated. Similarly as above one obtains an upper plasma layer, an intermediate buffy coat layer and a lower layer with red blood cells. The components are squeezed out from the blood bag 28 in the same way as described above in connection with FIG. 1 after opening of the tube connections 31 and 35. Blood plasma and red blood cells are pressed over to the blood bag 29 through the upper and lower tube connections 31 and 35 respectively, while the buffy coat layer remains in the collecting bag 28. The intermediate cell layer remaining in the blood bag 28 is collected for further separation or for direct use, whereas the contents of the blood bag 29 is retransfused to the patient. Another tapping of blood is then performed in the same way using the blood bag system 28', 29'.